

Coastal Zone
Information
Center

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



COASTAL ZONE
INFORMATION CENTER

PORT INFORMATION SOURCES



HC

HE
553
.054
1972

Customs

SEPTEMBER 1972

Introduction

The bibliographical information contained in this document includes both general and specific references covering the descriptions and functions of ports in world commerce. The information sources listed on the following pages are actually representative of all relevant port references rather than an exhaustive and all inclusive inventory.

This pamphlet does, however, present the names of many excellent publications concerning the varied aspects of port operations, as well as the names of consultants and government organizations that deal with the port industry. To enhance the usefulness of this document, an asterisk (*) has been placed next to the sources which offer current statistics about ports or details describing the terminal facilities in ports throughout the United States and the world.

U. S. DEPARTMENT OF COMMERCE NOAA
COASTAL SERVICES CENTER
2234 SOUTH HOBSON AVENUE
CHARLESTON, SC 29405-2413

Property of CSC Library

HE553 .U54 1972
18151590
SEP 2 1997

TABLE OF CONTENTS

1. General :	Page 1
2. Port Administration and Operation	Page 8
3. Port Design and Construction	Page 11
4. Port Consultants	Page 13
5. Periodicals	Page 15
6. Port Preparedness Planning References	Page 18
7. Containerization	Page 20
8. Government and Other Sources	Page 22

General

A Model for Simulating Sealift Systems, by Paul M. Montrone, Dept. of Defense TP67-1, March, 1967.

A Selected Bibliography of the Port of New York Authority (1921-1960), prepared by the Port of New York Authority, 111 Eighth Avenue, New York, N. Y., 1960.

A Study of Riverports and Terminals Report, Phase III, Contract No. MA-4319 Submitted by: Transportation Institute, Southern Illinois University.

A Study of The Port of New York Authority, Its purposes, its accomplishments, its plans for the future; by Frederick L. Bird; published by Dun and Bradstreet, Inc., New York, N. Y. 1949.

A Study to Determine U.S. Port Needs, prepared for the U.S. Army Corps of Engineers, by Robert Nathan Associates, Washington, D. C. September 1972.

A Superport for Louisiana, prepared by the staff of the Louisiana Superport Task Force, available upon request, Executive Director, The Louisiana Deep Draft Harbor and Terminal District Authority, International Trade Mart, New Orleans, La., June 1972.

An Economic Analysis of Improvement Alternatives to the St. Lawrence Seaway System, EBS Management Consultants, Inc., Washington, D. C., January 1969.

- * Annual Report of the Chief of Engineers, U.S. Army on Civil Work Activities, Volume 2, pertaining to rivers and harbors, flood control, beach erosion, and related purposes; prepared by Department of the Army, Corps of Engineers.

Basic Transportation Study: Ports, A series of individual port studies on selected ports of the United States prepared and published by the U.S. Army and available through the U.S. Army Transportation School, Fort Eutis, Virginia, 23604.

- 1) Bridges Over the Navigable Waters of the United States (Parts 1,2,3 & 4), compiled in the Office of the Chief of Engineers, U.S. Army Corps of Engineers, Washington, D. C., 1961.

British Ports and Shipping, by Henry Rees, published by Harrap, London, 1958.

Canadian Ports and Seaway Direction, including U.S. ports on the Great Lakes, by Alan Thomson Muir; published by National Business Publications, Ltd., Gardenvale, Quebec, Canada, 1970 annual.

Conference on Transportation Research (Publication 840), Report of a study group convened by the National Academy of Sciences at Woods Hole, Mass., August 1960; published by National Academy of Sciences, National Research Council, Washington, D. C. 1960.

- * 1) Distances Between Ports (Pub. No. 151), contains tables of distances between principal ports of the world; published by the U.S. Naval Oceanographic Office, Washington, D. C.

Evaluation of Offshore Terminal Concepts, prepared for the Maritime Administration, by Soros Associates of New York City, August 1972.

Final Report of the Committee of Inquiry under the Rt. Hon. Lord Devlin into Certain Matters Concerning the Port Transport Industry ("The Devlin Report"), presented to Parliament by the Minister of Transport; published by Her Majesty's Stationery Office, London, 1965.

Foreign Commerce Statistical Report, Port of Baltimore and other Maryland Ports, 1966; published by Maryland Port Authority, Pier 2, Pratt Street, Baltimore, Maryland 21202, January, 1968.

Foreign Deep Water Port Developments, prepared for U.S. Army Engineer Institute for Water Resources, by Arthur D. Little, Inc., IWR Report 71-11, December 1971.

Fundamentals of Transportation, William Grossman, Simmons Boardman Publishing Corporation, New York 1959.

- 1) Future Development of the San Francisco Bay Area 1960-2020, contains economic aspects of comprehensive survey of San Francisco Bay and tributaries; prepared for U.S. Army Corps of Engineers by U.S. Department of Commerce, Washington, D. C. 1959.

Great American Harbors, by Robert Carse; published by W. W. Norton & Company, Inc., New York, N. Y. 1963.

Great Lakes and St. Lawrence Seaway Navigation Season Extension Report, U.S. Army Corps of Engineers, April 28, 1970.

Great Lakes Harbor Study, U.S. Army Corps of Engineers, Chicago, Ill., November 1966.

- * Great Lakes Pilot, contains similar information as found in United States Coast Pilots, but limited to Great Lakes and St. Lawrence Seaway; published in one volume by the U.S. Lake Survey, Corps of Engineers, U.S. Army, 1966.

Great Lakes Port & Shipping System, Research Report for Office of Ports and Intermodal Systems, by Melvin A. Hanson, SIU, October 1969, Vol. I-II.

Great Lakes - Overseas General Cargo Traffic Analysis, Army Corps of Engineers, Chicago, Ill., March 1967.

- * Greenwood's Guide to Great Lakes Shipping, edited by John O. Greenwood and published by Freshwater Press, Inc. Room 446, The Arcade, Cleveland, Ohio 1970 (annual).

Guide to Port Entry, produced by Colin L. Pielou, published by Shipping Guides, Ltd., London, 1971.

Hans Gade's African Harbour Pilot, published by Hans Gade's Harbour Pilots, Ltd., 32 Solvgade, Copenhagen, Denmark.

Hans Gade's American Harbour Pilot, published by Hans Gade's Harbour Pilots, Ltd., 32 Solvgade, Copenhagen, Denmark 1962.

Hans Gade's European Harbour Pilot, published by Hans Gade's Harbour Pilots, Ltd., 32 Solvgade, Copenhagen, Denmark 1964.

International Maritime Dictionary, by Rene de Kerchovi; published by D. Van Nostrand Company, Inc., Princeton, New Jersey 1961.

Lakes Carriers Association Annual Report, Lakes Carriers Association, Cleveland, Ohio 1970.

- * Lloyd's Maritime Atlas, includes a comprehensive list of ports and shipping places of the world; compiled and edited by the Shipping Editor at Lloyd's; published by the Corporation of Lloyd's, London, 1965.

Lloyd's Register of Shipping Register Book, Vol. IV, Directory, with particular reference to Section 2 - West Docks, etc.; published at 71 Fenchurch Street, London, E.C. 3, 1965-66.

Loading Places for Oil Tankers in the World, published by Hans Gade's Harbour Pilots, Ltd., 32 Solvgade, Copenhagen, Denmark.

Marine Laws: Navigation and Safety, by Frederick K. Arzt; published by Equity House, Equity Publishing Corporation, Stony Brook, L. I., N. Y., 1953.

Marine Terminal Charges at Leading Ports of Japan (1964-1965), compiled by the Central Secretariat of the International Association of Ports and Harbors, Room 715-A, N. Y. K. Building, 20 Marunouchi 2, Chiyodaku, Tokyo, Japan.

Men Along the Shore, by Maud Russell; published by Brussel & Brussel, Inc., New York, N. Y., 1966.

Metropolitan Transportation: 1980, a framework for the long-range planning of transportation facilities to serve the New York - New Jersey Metropolitan Region; prepared by the Comprehensive Planning Office, The Port of New York Authority, 111 Eighth Avenue, New York, N. Y., 1963.

Moody's Transportation Manual, railroads, airlines, shipping, etc.; American and foreign. New York, Moody's Investor Service.

Our Nation & the Sea, Report of the Commission on Marine Science, Engineering and Resources, U.S. Government Printing Office, Washington, D. C., Jan. 1969.

Overseas Shipping at Great Lakes Ports: Projections for the Future,
Special Report No. 10, by Eric Schenker, University of Wisconsin,
Milwaukee, Wisconsin, Jan. 1970.

Port Development Expenditure Survey: United States - Puerto Rico -
Canada: January 1, 1946 to December 31, 1965. Including projections
January 1, 1966 to December 31, 1970. Published by the American
Association of Port Authorities, Washington, D. C.

Port Management Problem Study, by Authur D. Little, Inc., for Maritime
Administration, Office of R&D, Contract MA-4618, July 1969.

- * Port Series - Part 2, published in about 40 separate volumes on ports
of the United States by the Board of Engineers for River and Harbors,
Corps of Engineers, U.S. Army, Washington, D. C.
- * Ports, Dues, Charges, and Accomodations Throughout the World (Twenty-ninth
edition), an annual publication edited by Captain F. S. Campbell and
published by George Philip and Son, Ltd., London, 1970.

Ports of the Americas: History and Development; edited by Helen Delich Bentley,
and published by the American Association of Port Authorities, Washington, D. C.
1961.

Ports of the United Kingdom (Revised Edition), by Sir David J. Owens;
published by Allman, London 1948.

- * Ports of the World, an annual publication edited by Donald Maxwell and
published by Shipping World & World Shipping, Benn Brothers, Ltd. Bouverie
House, Fleet Street, London, E.C. 4, 1970.

Preliminary Plan of Study of San Francisco Bay Area in-depth Study, U.S.
Army Corps of Engineers, San Francisco, California, February 1969.

Principal Ports in Japan, published by Japan Port and Harbor Association
and Central Secretariat of the International Association of Ports and
Harbors, Tokoyo, Japan, 1960.

Principles of Ocean Transportation, by Vernon Metcalfe, Simmons-Boardman
Publication Corporation, New York, 1959.

Relationship of Land Transportation Economics to Great Lakes Traffic Volume,
U.S. Department of Commerce, Maritime Administration, Contract No. 1-35492,
October 1971.

- * 1) Sailing Directions, contains navigational, hydrographical, and condensed
general port and harbor information on a worldwide basis for the use of
mariners; published in 69 separate volumes by the U.S. Naval Oceanographic
Office, Washington, D. C. 20028

St. Lawrence River Pilot, published by Canadian Hydrographic Service; Ottawa, Canada

San Francisco Port Study, Vol. 2 (114OB); tests of modified cargo loading methods and the port as a system; published by National Academy of Sciences, National Research Council, Washington, D. C. 1964

Seaway Maritime Directory, The Fourth Seacoast Publishing Co., Inc., 10th Edition, 1969.

Sources of Information in Transportation, with particular reference to Section on ports; published for the Transportation Center at Northwestern University by the Northwestern University Press, Evanston, Ill, 1964.

Survey of the Ports of Alaska, published in one volume by the Maritime Administration, U.S. Department of Commerce, Washington, D. C. 1965

Tanker Directory of the World, with particular reference to section on Tanker Terminals; edited by John Fordee and published by Terminus Publications limited, Tanker House, 416 King's Road, Chelsea, London, S. W. 10, 1965.

The Black Sea Pilot, published by the Hydrographic Department, British Admiralty, London.

- 1) The Economics of Deepwater Terminals, prepared by the Division of Ports, Maritime Administration, Department of Commerce, No. 481-332/222, 1972.

The Geography of the Port of London, by James Bird; published by Hutchinson University Library, Hutchinson House, London, 1957.

The Great Lakes - St. Lawrence Transportation System Problems & Potential, by John L. Hazard, December 1969.

The Major Seaports of the United Kingdom, by James Bird; published by Hutchinson & Co., Ltd., 178-202. Great Portland Street, London, W. I., 1963.

The Merchantile Marine Atlas (Sixteenth Edition), edited by H. Fuller and published by George Phillip & Son, Ltd., London, 1959.

The Port of Chicago and the St. Lawrence Seaway, by Harold M. Mayer; published for the University of Chicago, Department of Geography, by the University of Chicago Press, Chicago, Ill., 1957.

The Shoregoer's Guide to World Ports, compiled and edited by Ronald Hope; published by the Maritime Press, Limited, 13 Long Acre, London, W. C. 2, 1963

The West Indies & Caribbean Yearbook, an annual publication published by Thomas Skinner & Co. Ltd., St. Alphage House, Fore Street, London E.C. 2, also available from Iliffe/NTP, Inc. 300 East 42nd Street, New York 10017 (\$14.00)

The World Shipping Scene, an atlas of shipping, shipbuilding, seaports, and sea-borne trade; by Gustav Adolf Theel; published by Weststadt - Verlag, Munich, 1963.

Transportation: Information Sources, edited by Kenneth N. Metcalf, is an annotated guide to publications, agencies, and other data sources concerning water, rail, road, air, and pipeline transportation; published by Gale Research Company, Book Tower, Detroit, Michigan as Volume No. 8 in Management Information Guide series, 1965.

Transportation Renaissance, with particular reference to paper entitled "Today's Port: A Trade and Transport Hub" by Harry C. Brockel; special volume 345 edited by George Fox Mott and published in The Annals of the American Academy of Political and Social Science, Philadelphia, 1963.

- * Transportation, Vol. V, Science, Technology, and Development, contains U.S. papers prepared for the United Nation's conference on the application of science and technology for the benefit of the less developed areas; published by the Brookings Institution, Transport Research Program, Washington, D. C.

U.S. Canadian Overseas Trade Diversion, a report to Federal Maritime Commission, Project 2-115, prepared by Manalytics, Inc., San Francisco, California, March 1972.

- * United States Coast Pilots, contains similiar information as found in the Sailing Directions but limited to coasts and harbors of the United States; published in 9 separate volumes by the U.S. Coast and Geodetic Survey, Department of Commerce, Washington, D. C.

United States Federal Agencies and the Nation's Ports, Office of Ports and Intermodal Systems, September 1969.

- * 1) United States Seaports: Alaska, Pacific Coast, and Hawaii (Port Series - Part 1), published in one volume by the Maritime Administration, U.S. Department of Commerce, Washington, D. C., 1961.
- * 1) United States Seaports: Atlantic Coast (Port Series - Part 1) published in one volume by the Maritime Administration, U.S. Department of Commerce, Washington, D. C., 1963.
- * 1) United States Seaports, Gulf Coasts (Port Series - Part 1), published in one volume by the Maritime Administration, Department of Commerce, Washington, D. C., 1965.
- * Waterborne Commerce of the United States, a series of five publications containing statistics on the waterborne commerce of the United States by port and waterway; published by the Department of the Army, Corps of Engineers.

Waterfront Renewal, focuses on decay in our cities, and man's use and misuse of his water resources, booklet prepared by Department of Resource Development, State of Wisconsin, Madison, Wisconsin, 1966.

Webster's Geographical Dictionary, published by G&C Merriam Co., Springfield, Massachusetts.

Work Plan for a Study of the Feasibility of an Offshore Terminal in the Texas Gulf Coast Region, prepared by Texas A&M University, Report No. TAMU-SG-71-212, June 1971.

- 1) World Port Index (Publication No. 150), contains locations and general descriptions of maritime ports and shipping places of the world; published by the U.S. Naval Oceanographic Office, Washington, D. C., 1963.

World Shipping: An Economic Geography of Ports and Seaborne Trade, by Gunnar Alexandersson and Gorham Norstorm; published by John Wiley & Sons, Inc., New York, N. Y., 1963.

- 1) For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D. C., 20402

Port Administration and Operation

An Introduction to Port Working, by A. H. J. Bown; published by the National Dock Labour Board, London, 1955.

Cargo Handling and the Modern Port, by R. B. Oram; published as part of the Commonwealth and International Library series by Pergamon Press, Inc., 122 East 55th Street, New York, N. Y., 1965.

Cargo Handling at Ports, by Brysson Cunningham; published by Chapman & Hall, Ltd., London (date unknown).

Cargo Handling for the Modern Port, published by Cornell Maritime Press, Inc., Cambridge, Md., 1965.

Cargo Handling Systems for General Cargo, by John R. Immer; published by Work Saving International, Management Consultants, 1638 - 19th Street, N.W., Washington, D. C., 1966.

Cargo Management in the 1970's, E. A. Space and Advanced Military Systems Ltd., London, National Ports Council, March, 1968.

Export Documentation and Shipment Preparation, by Durwood L. Brooks; published by the Traffic Service Corporation, Washington Building, Washington, D. C., 1965.

Export/Import Traffic Management and Forwarding, by Alfred Murr; published by Cornell Maritime Press, Cambridge, Maryland, 1957.

Federal Policy for United States Ports, by James P. Morris and Robert F. Steeves; published by Operations Research, Inc., Silver Spring, Md., 1964.

Free Ports and Foreign - Trade Zones, by Richard S. Thoman; published by Cornell Maritime Press, Inc., Cambridge, Maryland, 1956.

General Cargo Handling in Three EFTA Ports (Manchester, Oslo, & Lisbon), Published by European Free Trade Association, Geneva, 1968.

Handling and Stowage of Cargo (Third Edition), by Captain A. G. Ford and Commander J. K. Webster, S. C., USN; published by International Textbook Company, Scranton, Pennsylvania, 1952.

Marine Cargo Operations, by C. L. Sauerbier; published by John Wiley and Sons, Inc., New York, N. Y., 1956.

Merchant Shipping on a Sea of Red Tape, a report on ship documentation and simplification; prepared by the U.S. Pacific Coast shipping industry in cooperation with the School of World Business, San Francisco State College; published by San Francisco Marine Exchange, San Francisco, Calif., 1959.

Mission: Port Development, with case studies of Trinidad, Israel, Turkey, Tunisia, and Liberia; by Walter P. Hedden; published by the American Association of Port Authorities, Washington, D. C., 1967.

Modern International Commerce, by Edward Ewing Pratt; published by Allyn and Bacon, Inc., New York, N. Y., 1956

Port Administration in the United States, by Marvin L. Fair; published by Cornell Maritime Press, Inc., Cambridge, Maryland, 1954.

Port and Terminal Charges at U.S. Ports, U.S. Board of Engineers for rivers & harbors, 1950.

Port Economics, by A. H. J. Bown; published by the Dock and Harbour Authority, Foxlow Publications, Ltd., 19 Har Court Street, London, 1953.

Port Operation and Administration, by A. H. J. Bown and C. A. Dove; published by Cornell Maritime Press, Inc., Cambridge, Md., 1960.

Port Operation of the N. S. Savannah, 1964, Prepared by U.S. Atomic Energy Commission & U.S. Maritime Administration.

Port Terminals, Port of New York Authority, A plan for a new consolidated passenger ship terminal in the Port of New York, N. Y., 1967.

Ports and Harbours, by F. W. Morgan; published as part of Hutchinson's University Library series by Hutchinson House, London, 1952.

Ports of Call, by Robert Carse, Scribner Publishing Co., New York, N. Y., 1967.

Progress in Cargo Handling, Vol. 1, papers read at the General Technical Conference of the ICHCA - Naples (1954); published by Iliffe & Sons, Ltd., Dorset House, Stamford Street, London, S. E. 1, 1955.

Progress in Cargo Handling, Vol. 2, report of papers and discussions at the General Technical Conference of the ICHCA - Hamburg (1959); published by Iliffe & Sons, Ltd., Dorset House, Stamford Street, London, S. E. 1, 1957

Progress in Cargo Handling, Vol. 3, proceedings of General Technical Conference of the ICHCA - New York (1961); published by Cornell Maritime Press, Inc., Cambridge, Maryland, 1962.

Progress in Cargo Handling, Vol. 4 "Research", proceedings of the Sixth Biennial Technical Conference of the ICHCA - London, (1963); published by Fairplay Publications, Ltd., Palmerston House, 51 Bishopsgate, London, E.C. 2, 1964.

Progress in Cargo Handling, Vol. 5 "Coordination of Sea and Inland Transport", proceedings of the Seventh Biennial Technical Conference of the ICHCA- Paris. (1965); published by Fairplay Publications, Ltd., Palmerston House, 51 Bishopsgate, London, E.C. 2, 1965

Progress in Cargo Handling, Vol. 6, proceedings of Eighth Technical Conference of the ICHCA - Antwerp, May, 1967.

Progress in Cargo Handling, Vol. 7, proceedings of Ninth Technical Conference of Association, Gothenburg, 1969.

Pursers Handbook, with particular reference to topics covering port entry and clearance requirements in various countries; by William E. Armstrong and published by Cornell Maritime Press, Cambridge, Maryland 1966.

Reducing Shipping Paperwork, a summary progress report and study by Shipping Documentation Subcommittee, published by the Department of Commerce, Washington, D. C., 1960.

Ship's Business and Cargo Loss and Damage, by Captain Myron E. McFarland; published by Cornell Maritime Press, Inc., Cambridge, Maryland. 1963.

Simulation and Analysis of the Marine Port - Complex, by A. M. Feiler, Los Angeles, University of California, October, 1966.

Stowage: The Properties and Stowage of Cargoes, by Captain R. E. Thomas, revised by Captain O. O. Thomas; published by Brown, Son, & Ferguson, Ltd., Nautical Publishers, 52 Darnley Street, Glasgow, S. L., 1963.

Technical and Social Changes in the World's Ports, by A. A. Evans, International Labor Office, Washington, Geneva, 1969.

The Economic Impact of the United States Ocean Ports, published by the Maritime Administration, U.S. Department of Commerce, Washington, D. C., 1966.

The Materials Handling Manual (Vol. 1 - 4), edited by V. H. Laughner and published by Boston Publishing Co., Inc., Boston, Mass., 1955.

The North Carolina State Ports Authority, by C. E. Landon, published by Cornell Maritime Press, Inc., Cambridge, Maryland, 1963.

The Transportation Corps: Responsibilities, Organizations, and Operations, by Chester Wardlow; a volume in the series on the U.S. Army in World War II (Technical Services); published by Office of the Chief of Military History, Washington, D. C., 1951.

Traffic Simulation, Case Studies of Transin Analysis, by A. M. Feiler, Los Angeles, University of California, May 1967.

Port Design and Construction

American Civil Engineer's Handbook, with particular reference to Section 19 Harbor & River Works; edited by Thaddeus Merriman and Thas. H. Wiggin; published by John Wiley & Sons, Inc., New York, N. Y.

American Civil Engineering Practice, Vol. 1-3, (set of three volumes), with particular reference to Vol. 2, Section 21 - Harbor Engineering; edited by Robert H. Abbett; published by John Wiley & Sons, Inc., New York, N. Y., 1956.

Construction & Maintenance, published by the American Association of Port Authorities, November 1968. Committee IV (Standardization and Handling of Containers).

Conveyors and Related Equipment (Third Edition), by Wilbur G. Hudson; published by John Wiley & Sons, Inc., New York, N. Y., 1954.

Design and Construction of Ports and Marine Structures, by Alonzo Def Quinn; published by McGraw - Hill Book Company, Inc., New York, N. Y., 1961.

Design of Sea Defense Works, R. B. Thorn, Cornell Maritime Press, Inc., 1960. Scientific approach to the subject of sea wall design. Of interest to Maritime and port authorities, and engineers.

Dock and Harbour Engineering, Vol. 1-4, (set of four Volumes), by Henry F. Cornick; published by Charles Griffic and Company, Ltd., London, 1958.

Harbor Works, by Brysson Cunningham; published by Chapman & Hall, Ltd., London (date unknown).

Harbours and Dockyards, by Robert Hammond; a volume in the Mechanical Age Library series, published by Frederick Muller, Ltd., London, 1965.

Marinas: Recommendations for Design, Construction and Maintenance, by Charles A. Chaney; published by National Association of Engine and Boat Manufacturers, Inc., 420 Lexington Ave., New York, N. Y., 1961.

Marine Structures: Their Deterioration and Preservation, by William G. Atwood and A. A. Johnson; published by the National Research Council, Washington, D. C., 1924.

Mechanical Engineer's Handbook, edited by Lionel S. Marks; published by McGraw - Hill Book Company, Inc., New York, N. Y.

Optimum Size Seaport, by Carl H. Plumlee, reprinted from the Journal of the Waterways and Harbours Division Proceedings of the American Society of Civil Engineers (ASCE), Vol. 92, No. WW3, August, 1966. Available from Parsons, Brinckerhoff, Quade & Douglas, Engineers, New York - San Francisco, 165 Broadway, New York, N. Y. 10006.

Port Construction and Rehabilitation, (TM5-360); a Department of the Army Technical Manual, published by Dept. of the Army, Washington, D. C., 1953

Port Design and Construction, published by the American Association of Port Authorities, Washington, D. C., 1964.

The Design, Construction and Maintenance of Docks, Wharves, and Piers, by F. M. Du - Plat - Taylor; published by Eyre and Spottiswoode, Publishers, Ltd, London, 1949.

The Modern Port, by Fugl - Meyer, published by Danish Technical Press, Copenhagen, Denmark, 1957.

Waterfront and Harbor Facilities (TP-Pw-8), by Civil Engineering Corps of U. S. Navy; published by the Department of the Navy, Bureau of Yards and Docks, Washington, D. C., 1954.

Port Consultants

(Non-inclusive Listing of Engineers and Specialized Port Development Concerns
in the United States)

The Arundel Corporation
Baltimore, Maryland

Harland Bartholomew and Associates
165 N. Meramec Ave.
St. Louis, Missouri 63105

James C. Buckley, Inc.
Terminal & Transportation Consultants
30 East 40th Street
New York, N. Y. 10016

Louis W. ByvneConsultant - Port & Terminal Development
30 Church Street
New York, N. Y. 10007

Coverdale & Colpitts
Engineering & Management Consultants
140 Broadway
New York, N. Y. 10005

Deleuw, Cather & Company
Consulting Engineers
165 West Wacker Drive
Chicago, Illinois 60601

Delong Corporation
29 Broadway
New York, N. Y. 10006

Earl & Wright, Inc.
Engineers
657 Howard Street
San Francisco, California 94105

Edwards & Kelcey, Inc.
Engineers
8 Park Place
Newark, N. J. 07111

Encinal Terminals
Ocean Terminal Management & Operation
General Office
1918 Park Street
Alamenda, California 94501

Ewin Engineering Company
723 Cafritz Building
Washington, D. C.

Fay, Spofford & Thorndike
Engineers
11 Beacon Street
Boston, Massachusetts 02108

Gee & Jenson, Inc.
Consulting Engineers
117½ South Drive
West Palm Beach, Florida 33401

Frederick R. Harris, Inc.
Engineers
300 East 42nd Street
New York, N. Y. 10017

Walter P. Hedden
Port Development Consultant
111 Eighth Avenue
New York, N. Y. 10011

David V. Lewin and Associates
Engineering Counsellors
The Arcade
Cleveland, Ohio 44110

Arthur D. Little
Cambridge, Massachusetts

Lockwood, Andrews, & Newman, Inc.
Consulting Engineers
1010 Waugh Drive
Houston, Texas 77019

Chas. T. Main, Inc.
1301 Moorehead Street
Charlotte, North Carolina 28204

George F. Nicholson
Consulting Engineer
730 E. Third St., Davies Bldg.
Long Beach, California 90812

Kaiser Engineers
Corporation Kaiser Center
Oakland, California 94604

Palmer and Baker, Inc.
Consulting Engineers - Architects
1050 Government Street
Mobile, Alabama 36604

Parsons, Brinckerhoff, Quade, & Douglas
Engineers
111 John Street
New York, N. Y. 10006

Praeger - Kavanagh - Waterbury
Engineers
200 Park Place
New York, N. Y. 10017

Raymond Concrete Pile Co.
Division New York District Office
140 Cedar Street
New York, N. Y. 10006

Sanzenbacker, Miller, Brigham, & Scott
Consulting Engineers
3023 Stylvania Avenue
Toledo, Ohio 43613

George G. Sharp, Inc.
100 Church Street
New York, N. Y. 10007

Frederick Snare Corporation
Engineers - Contractors
110 Washington Street
New York, N. Y. 10006

Tippets-Abbett-McCarthy-Stratton
Engineers
375 Park Avenue
New York, N. Y. 10022

Soros Associates International, Inc.
575 Lexington Avenue
New York, N. Y. 10022

Swindell - Dressler Company
411 Smithfield Street
Pittsburgh, Pennsylvania 15222

Zidell Explorations, Inc.
3121 S. W. Moody Avenue
Portland, Oregon 97201

Periodicals:

Bulletin of the Permanent International Association of Navigation Congresses, General Secretariat: Residence Palace, Quartier Jordaens, rue de la loi, 155 1040 Brussels, Belgium.

Cargo Handling, published by Wheatlands Journals, Ltd., 1 Stamford Street, London, S.E. 1.

Container News, published monthly by Container News, Inc., 150 East 52nd Street, New York, N. Y. 10022.

Container World; International Container Services; published by Brandon's Shipper & Forwarder, Inc., One Broadway, New York, N. Y. 10004

Containerization International, published monthly by the National Magazine Co., Ltd., London.

Distribution Manager; published monthly by Chilton Company, Executive and Editorial Offices, 1 Decker Square, Bala-Cynwyd, Pa. 19004.

Engineering News - Record; published by McGraw - Hill Publications, 330 West 42nd Street, New York, N. Y.

Engineering Opportunities; published by Press Tech., Inc., 815 Davis Street, Evanston, Illinois 60201.

European Transport Law; Vol. II, No. 4 1967, this edition features several papers written on subject of "Containers II".

Fairplay Shipping Journal; published by Fairplay Publications Limited, Palmerston House, Bishopgate, London, E.C. 2.

Handling & Shipping; published by the Industrial Publishing Company, 60 E 42 St., New York, N. Y. or 812 Huron Rd., Cleveland, Ohio 44115.

ICHCA Bulletin; published monthly by International Cargo Handling Coordination Association, Trade News, Ltd., Drummond House, 203-209 North Gower St., London N.W. 1.

ICHCA Quarterly Journal; published by International Cargo Handling Coordination Association, Trade News, Ltd., Drummond House, 203-209 North Gower St., London, N.W. 1.

Journal of Commerce & Shipping Telegraph; published at 17 James St., Liverpool.

Lloyd's List & Shipping Gazette, published by Lloyd's, London, E. C. 3.

Marine Engineering/Log; Incorporating Rivers and Harbors; published by Simmons - Boardman Publishing Corporation, 85 West Harrison Street, Chicago, Ill. 60605.

Marine Journal, a periodical of interpretation, New York, Primrose Publishing Corporation; published monthly.

Marine Systems; World Review of Advanced Marine Concepts; published monthly in London by Transport Systems Publications, Ltd., 226 The Strand, London.

Maritime, AFL-CIO Maritime Trades Department, Suite 501, 815 Sixteenth St. N.W. Washington, D. C. 20006, monthly.

Maritime Reporter and Engineering News; published biweekly by Maritime Activity Reports, Inc., 107 East 31st Street, New York, N. Y. 10016.

Mechanical Handling; published by Dorset House, Stamford Street, London, S.E. 1.

Modern Materials Handling; published by Modern Materials Handling, P.O. Box 1241, Englewood, Colorado.

National Defense Transportation Journal; the official publication of the National Defense Transportation Association; published bi-monthly by NDTA, Suite 706, 1612 K Street, N. W. Washington, D. C. 20006.

Naval Engineers Journal; published bi-monthly by the American Society of Naval Engineers, Inc., 1012 - 14th Street, N.W. Suite 507, Continental Building, Washington, D. C. 20005.

Ocean Industry; published monthly by Gulf Publishing Co., Box 2608 Houston, Texas 77001.

Oceanology; Spokesman for Ocean Service and Technology; published by Industrial Research, Inc., Beverly Shores, Indiana 46301.

P.L.A. Monthly; published by Port of London Authority, Trinity Square, London, E.C. 3.

Ports and Harbors; published quarterly by the Central Secretariat of the International Association of Ports and Harbors, Room 715-A, N.Y.K. Building, 20 Marunouchi 2, Chiyoda-ku, Tokyo, Japan.

Shipbuilding and Shipping Record; published by Tothill Press, Ltd., 161-166 Fleet Street, London.

Shipping World and Shipbuilder; published by Shipping World Ltd., 154 Fleet Street, London.

The Dock and Harbour Authority; published monthly in London as an international journal. Foxlow Publications, Ltd., 19 Harcourt Street, London.

The Lamp; published by the Standard Oil Company, (New Jersey), 30 Rockefeller Plaza, Room 1626, New York, N. Y. 10020.

The Shipping World; published at 154 Fleet Street, London, E.C. 4.

Traffic World; The Weekly News Magazine of Transportation Management, published by the Traffic Service Corp., 815 Washington Bldg., Washington, D. C. 20005.

Transportation and Distribution Management; The Management Magazine of Physical Distribution; published monthly by the Traffic Service Corp., Washington Bldg., Washington, D. C. 20005.

Transportation Science; A quarterly journal published by the Operations Research Society of America, Mt. Royal and Guilford Avenues, Baltimore, Md. 21202.

Under Sea Technology; The Magazine of Oceanology, Marine Sciences, and Underwater Defense; published by Compass Publications, Inc., 617 Lynn Building, 1111 North 19th Street, Arlington, Virginia 22209.

World Dredging & Marine Construction; published monthly by World Trade Publications, Inc., P.O. Drawer "L", Conroe, Texas 77301.

World Ports; published independently by Amundsen Publications, Inc., as the official organ of the American Association of Port Authorities, 1612 K Street, N.W. Washington, D. C. 20006.

Port Preparedness Planning References

Current Planning for Operation of U.S. Seaports Under Emergency Conditions - Maritime Administration - February 1959, and Supplements Nos. 1, 2, and 3 thereto; Short title, "Blue Manual". Basic planning document establishing the course of action developing their plans.

Emergency Readiness Actions; A paper prepared by the Maritime Administration, April 25, 1966, providing an outline for use by port officials as a "point of departure" in developing their plan for the continued operation of their port under emergency conditions.

Executive Order 11490 dated October 28, 1969, Assigns emergency preparedness functions to the Secretary of Commerce.

Manual for Federal Port Controllers - April 1964 (First Printing); the supply of this publication is depleted and is now under revision by the Maritime Administration.

Manual for the Emergency Utilization and Control of the United States Ports - Revised October 31, 1963; Short title "White Manual". Basic planning document establishing the functions and responsibilities of the Federal Government with respect to the emergency utilization and control of port systems and facilities. This document is also prepared by the Maritime Administration.

Merchant Shipping and the Demands of War; by C. B. A. Behrens; a volume in the series on History of the Second World War; published by Her Majesty's Stationery Office and Longmans, Green and Co., London, 1955.

Port Inventory Forms and Preliminary Instructions for the Use of Inventory Forms; A series of forms prepared by the Maritime Administration, December 1960 designed to provide port officials with the means of maintaining an inventory of port facilities and cargo transfer capabilities of general cargo, dry bulk, liquid bulk, and bulk grain. Completed "sample" forms are provided with instructions for the use of the forms.

Revised Blank Basic Guide Plan and Blank Supporting Annexes with Instructions for Use (January 18, 1966); A basic guide plan prepared by the Maritime Administration to provide cognizant port officials and port planning committees with a pattern for developing their emergency plan and to provide a degree of uniformity in the port planning nationally. The instructions for use of the plan cover various considerations to be given to the preparation of the plans by port officials.

Study of Mobile Emergency Port Facilities, MA-4561 June 1969, Bechtel Corp.

The National Plan, Chapter 6, Transportation, states the policy governing transportation mobilization and describes the organization structure designed to administer the mobilization plan. (Supercedes the National Transportation Plan, Annex 34 to the National Plan for Civil and Defense Mobilization).

The National Plan for Emergency Preparedness, Office of Emergency Planning - December 1964; Short title "The National Plan". A statement of principles, responsibilities, requirements and broad courses of action, establishing the national non-military courses of action and role of the Federal government, the States, their political subdivisions and the people to deter aggression, and in the event of aggression to enable the nation to survive, recover, and win. (Supercedes the National Plan for Civil and Defense Mobilization, Office of Civil and Defense Mobilization - October 1958).

Vulnerability to Nuclear Attack of the Water Transportation Systems of the Contiguous United States; prepared for the Office of Civil Defense, Department of the Army, Washington D. C. 20310. Stanford Research Institute, Menlo Park, California, May 1964 by Benjamin V. Andrews and Harvey L. Dixon. Contract No. OCD-05-63-149.

Containerization:

Advanced Marine Transport System & Nuclear Cargo Ship Application, Phase I Study, General Dynamics, U 451-65-10, August 1965.

Cargo Containers, Tabak, Herman D., deals with the stowage, handling & movement of containers, Cambridge, Md., Cornell Maritime Press, 1970.

- 2) CMX Project, Phase I, Research Report, Bath Iron Works, PB-191-933.
- 2) CMX Project, Volume II, Research Report, Newport News, Shipbuilding & Drydock Co., PB-192-038.

Container Guide, Containerization International, 1968-9, edited by Koster, J.C. & Jilsley, N. H., London, National Magazine Co. (Title varies, 1970 title: Yearbook)

Container Method of Handling Cargoes, Australia, Senate Select Committee on the Container method of handling cargoes. Report, Canberra, Arthur, A. J., Government Print, 1968.

Container and Roll/on-Roll/off Transportation, Hanna, J. M., Cornell Maritime Press, Inc., a critique of past and present thought on this subject of vital importance in ocean transportation.

Container Services of the Atlantic, Immer, John R., Work Saving International Management Consultants, 1638 19th St. N.W., Washington, D. C. 20009, 1970.

Container Services of the North Atlantic, by John R. Immer; published by Work Saving International, Management Consultants, Washington, D. C. 1967.

Container - Terminals; U.S. National Bureau of Standards, Systems Analysis of Inland Consolidation Centers for the U.S. National Maritime Administration Washington, D. C. 1968.

Containerization, Inter-American Port & Harbour Conference, Recent developments in the use and handling of unitized cargoes. Washington, D. C. Pan American Union, May, 1964.

Containerization, Its Necessity, Deri, Tibor, Washington, D. C., U.S. Army Foreign Science & Technology Center, 1969.

Containerization, Kaiser Aluminum & Chemical Corp., an outlook to 1977 Oakland, California, 1968.

Containerization - Its Trends, Significance and Implications, McKinsey and Company, Inc. London, July 1966.

Containerization: Opportunities for Northern Line Railroads, International Storage and Distribution Company, 1967.

Containerization to Meet Ship - Rail - Truck Requirements, U.S. Economic Corp., The Econometric Institute, New York, December 1966.

Containerization: The Key to Low-Cost Transport, A report by McKinsey and Company, Inc. for the British Transport Docks Board, June 1967.

- 2) Impact of Maritime Containerization on the United States Transportation System, prepared for the Maritime Administration by Manalytics, Inc., San Francisco, California, February 1972.

Jane's Freight Containers Directory, 1970 (2nd Edition) New York, McGraw-Hill Book Co.

National Research Council, Maritime Cargo Transportation Conference, Maritime transportation of utilized cargo; a comparative economic analysis of break-bulk and unit load systems, Washington, D. C., National Academy of Sciences - National Research Council, 1959.

- 2) Oceanborne Shipping: Demand & Technology Forecasts, Advanced Marine Technology Division, Litton Systems, Inc., Culver City, California, June 1968, PB-179-142.

Port of New York Cargo Container Guide, The Port of New York Authority, 1969.

Report - Information and Preliminary Criteria on Planning Container Terminals, Maritime Administration, June 1968.

Shipper's Guide for Proper Stowage of Intermodal Containers with Emphasis on Ocean Transport; prepared for the Maritime Administration by the National Cargo Bureau, Inc., 1969.

The Containerized Shipping Industry; Oppenheimer and Company, 1970.

The Container Revolution; Lancer Boss, Ltd., Report.

The Impact of Containerization on the United States Economy, prepared by Matson Research for the Maritime Administration, September 1970.

The Library of Containerization, The Journal of Commerce has 3 volumes at \$10 per volume or \$25 for all three. S. J. Surise - Journal of Commerce, 99 Wall Street, New York, N. Y. 10005.

Transshipment in the 70's, - A study of container transport - general cargo in the 1970's. Arthur D. Little, Ltd. Available from Research Director, National Ports Council, 17 North Audley St., London W 1.

- 2) Waterborne Feeder Subsystems for Unitized Cargo Transportation, - A report to Maritime Administration, Vol I & II Contract No. MA-4649, PB 191-478 & 9, March 1970, Arthur D. Little, Inc.

- 2) National Technical Information Service, Springfield, Va. 22151

Government and Other Sources

American Association of Port Authorities, Inc.
1612 K Street N.W.
Washington, D. C. 20006

American Institute of Merchant Shipping
1120 Connecticut Ave. N.W.
Washington, D.C. 20036

American Waterways Operators, Inc.
1250 Connecticut Ave. N.W.
Washington, D. C. 20036

Andrew Furuseth Foundation
for Maritime Research
1725 K Street N.W.
Washington, D. C. 20006

Environmental Protection Agency
401 M Street N.W.
Washington, D. C.

Federal Maritime Commission
1405 I Street N.W.
Washington, D. C. 20005

International Cargo Handling Coordination
Association (ICHCA)
Drummond House, 203-209 North Gower Street
London, N.W. 1

Maritime Administration
Department of Commerce Building
14th and E St. N.W.
Washington, D. C. 20235

Military Sea Transportation Service (MSTS)
Bldg. T-8
3800 Newark Street N.W.
Washington, D. C. 20390

Military Traffic Management and Terminal Service (MTMIS)
Department of the Army
5611 Colombia Pike
Falls Church, Virginia 20315

National Cargo Bureau, Inc.
99 John Street
New York, N. Y. 10038

National Defense Transportation Association
1612 K Street N.W., Suite 706
Washington, D. C. 20006

National Harbours Board
Ottawa, Ontario, Canada

National Rivers and Harbors Congress
1028 Connecticut Avenue, N. W.
Washington, D. C. 20036

National Water Commission
800 N. Quincy Street
Arlington, Virginia

Naval Facilities Engineering Command
Department of the Navy
Memorial Drive & H Road
Arlington, Virginia 20390

Naval Supply Systems Command
Department of the Navy
Arlington Annex
Washington, D. C. 20370

Permanent Technical Committee on Ports
Pan American Union
General Secretariat of the Organization of American States
Washington, D. C. 20006

Propeller Club of the United States
17 Battery Place, Room 334
New York, New York 10004

St. Lawrence Seaway Development Corporation
800 Independence Avenue, S. W.
Washington, D. C.

Security Bureau Inc.
67 Broadway
New York, New York 10006

Shipbuilders' Council of America
1730 K Street, N.W.
Washington, D. C. 20006

